

Table 57. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, May 2023
(Thousand Barrels)

Commodity	From 1 to			From 2 to				From 3 to	
	2	3	5	1	3	4	5	1	2
Crude Oil	284	20	0	1,012	61,976	6,430	3,472	1,444	24,606
Petroleum Products	17,692	42	0	22,268	48,515	15,723	6,441	103,579	24,823
Natural Gas Liquids	7,601	42	0	8,061	36,798	11,219	702	493	10,363
Ethane	5,881	0	—	0	17,821	2,946	—	0	937
Propane	1,080	13	0	6,013	10,571	4,265	523	493	1,295
Normal Butane	268	9	0	1,873	4,310	1,825	115	0	556
Isobutane	364	20	0	175	1,405	632	64	0	730
Natural Gasoline	9	0	—	0	2,691	1,551	—	0	6,845
Refinery Olefins	0	0	—	187	491	—	—	0	0
Ethylene	—	—	—	—	—	—	—	—	—
Propylene	0	0	—	187	491	—	—	0	0
Normal Butylene	—	—	—	—	—	—	—	—	—
Isobutylene	—	—	—	—	—	—	—	—	—
Unfinished Oils	43	0	—	0	1,330	—	—	65	285
Motor Gasoline Blending Components	6,670	0	0	1,049	1,490	2,298	0	60,560	6,479
Reformulated - RBOB	0	0	0	0	144	—	0	9,759	4,062
Conventional	6,670	0	0	1,049	1,346	2,298	0	50,801	2,417
CBOB	6,670	0	0	1,049	1,226	2,298	0	50,117	2,191
GTAB	—	—	—	—	—	—	—	—	—
Other	0	0	—	0	120	—	—	684	226
Biofuels (including Fuel Ethanol)	5	0	0	8,778	5,773	532	5,524	0	6
Fuel Ethanol	0	0	0	8,724	5,519	522	5,310	0	0
Biodiesel	5	0	0	54	254	9	214	0	6
Renewable Diesel Fuel	—	0	0	—	0	—	0	—	—
Other Biofuels ²	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	106	0	0	989	0	114	0	1,767	2,268
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	106	0	0	989	0	114	0	1,767	2,268
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	106	0	0	989	0	114	0	1,767	2,268
Finished Aviation Gasoline	0	0	—	0	0	—	—	51	35
Kerosene-Type Jet Fuel	401	0	0	902	59	630	0	15,912	1,348
Kerosene	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	2,840	0	0	1,257	985	894	0	23,914	3,639
15 ppm sulfur and under	2,840	0	0	1,257	985	894	0	23,582	3,541
Greater than 15 ppm to 500 ppm sulfur	0	0	—	—	0	—	—	—	98
Greater than 500 ppm sulfur	—	0	—	0	0	—	—	332	—
Residual Fuel Oil	0	0	—	—	560	—	—	—	0
Petrochemical Feedstocks	0	0	—	—	70	—	—	—	56
Naphtha for Petrochemical Feedstock Use	0	0	—	—	48	—	—	—	56
Other Oils for Petrochemical Feedstock Use	0	0	—	—	22	—	—	—	0
Special Naphthas	0	0	—	—	0	—	—	—	10
Lubricants	0	0	0	0	10	—	0	416	164
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	0	0	0	230	482	16	6	13	16
Asphalt and Road Oil	26	0	0	815	466	21	209	388	147
Miscellaneous Products	0	0	—	—	0	—	—	—	7
Total	17,976	62	0	23,280	110,491	22,153	9,913	105,023	49,429

See footnotes at end of table.

Table 57. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, May 2023
(Thousand Barrels) — Continued

Commodity	From 3 to		From 4 to				From 5 to		
	4	5	1	2	3	5	1	3	4
Crude Oil	0	0	0	27,856	1,350	0	0	0	0
Petroleum Products	0	4,242	0	22,979	4,183	1,870	0	19	76
Natural Gas Liquids	0	49	0	22,185	3,903	97	0	0	0
Ethane	0	—	0	6,800	1,364	—	0	0	0
Propane	0	0	0	7,962	1,235	93	0	0	0
Normal Butane	0	1	0	3,312	480	2	0	0	0
Isobutane	0	48	0	1,287	293	2	0	0	0
Natural Gasoline	0	—	0	2,824	531	—	0	0	0
Refinery Olefins	—	—	0	0	0	—	0	0	—
Ethylene	—	—	—	—	—	—	—	—	—
Propylene	—	—	0	0	0	—	0	0	—
Normal Butylene	—	—	—	—	—	—	—	—	—
Isobutylene	—	—	—	—	—	—	—	—	—
Unfinished Oils	—	—	0	0	0	—	0	0	—
Motor Gasoline Blending Components	0	2,928	0	201	0	1,145	0	0	0
Reformulated - RBOB	—	1,432	0	0	0	0	0	0	—
Conventional	0	1,496	0	201	0	1,145	0	0	0
CBOB	0	1,496	0	201	0	1,145	0	0	0
GTAB	—	—	—	—	—	—	—	—	—
Other	—	—	0	0	0	—	0	0	—
Biofuels (including Fuel Ethanol)	0	405	0	0	0	39	0	0	25
Fuel Ethanol	0	0	0	0	0	39	0	0	0
Biodiesel	0	39	0	0	0	0	0	0	25
Renewable Diesel Fuel	—	366	—	—	0	0	—	0	—
Other Biofuels ²	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	0	0	0	45	0	102	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	0	0	0	45	0	102	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	0	0	0	45	0	102	0	0	0
Finished Aviation Gasoline	—	—	0	0	0	—	0	0	—
Kerosene-Type Jet Fuel	0	92	0	0	0	1	0	0	0
Kerosene	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	0	663	0	191	0	243	0	0	0
15 ppm sulfur and under	0	663	0	191	0	243	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	—	0	0	—	—	0	—
Greater than 500 ppm sulfur	—	—	0	—	0	—	0	0	—
Residual Fuel Oil	—	—	—	0	0	—	—	0	—
Petrochemical Feedstocks	—	—	—	0	0	—	—	0	—
Naphtha for Petrochemical Feedstock Use	—	—	—	0	0	—	—	0	—
Other Oils for Petrochemical Feedstock Use	—	—	—	0	0	—	—	0	—
Special Naphthas	—	—	—	0	0	—	—	0	—
Lubricants	—	8	0	0	0	0	0	0	—
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	0	0	0	248	108	154	0	19	0
Asphalt and Road Oil	0	97	0	109	172	89	0	0	52
Miscellaneous Products	—	—	—	0	0	—	—	0	—
Total	0	4,242	0	50,835	5,532	1,870	0	19	76

— = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Data source: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.